

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-028524**Date Inspected:** 06-Oct-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1500**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** jobsite**CWI Name:****CWI Present:****Yes No****Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Quality Assurance inspector (QA) Matthew Daggett was at the American Bridge/Fluor (ABF) job site at the San Francisco/Oakland Bay Bridge in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

This Quality Assurance Inspector met with Danny Reyes at the Pier 7 office complex to go over the current work status tracking system. Mr. Reyes showed me where various tracking logs were located and how to maneuver through the information found on them. Mr. Reyes e-mailed some of the tracking logs to me, for the purpose of saving them on my computer for ease of reference. This QAI performed a lengthy thorough review to familiarize myself with the information.

For the remainder of the shift, at Mr. Reyes's request, this QAI created a spread sheet that contains information the Coatings Inspectors will use to determine when the Welding, and Non Destructive Testing has been completed, on the various field splices of the orthotropic box girders, and they are ready to receive paint. The spread sheet is in excel format and contains a color coding system for ease of reading and understanding.

**Summary of Conversations:**

See body of report.

**Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Gary Thomas 916-764-6027, who represents the Office of Structural Materials for

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## WELDING INSPECTION REPORT

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your project.

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**Inspected By:** Daggett,Matt

Quality Assurance Inspector

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**Reviewed By:** Reyes,Danny

QA Reviewer